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The Immelmann Turn, a Pursuit Maneuver Used by Hovering Male *Hybomitra hinei wrighti* (Diptera: Tabanidae)

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Abstract

Male Hybomitra hinei wrighti hovered over sand roads in Florida, presumably waiting for passing females. Slow-motion cinematography revealed that, when presented with a small, fast-moving object, the flies changed directions to chase the object, using a half loop and roll. This is quite similar to an aerobatic maneuver known as the Immelmann turn.

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